

Fig. 5A

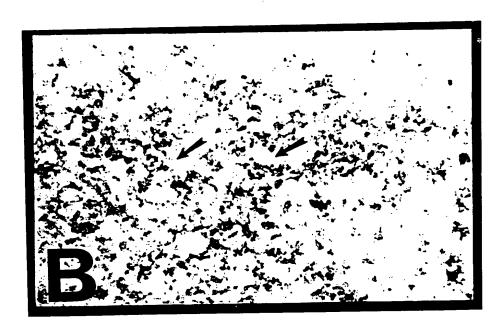


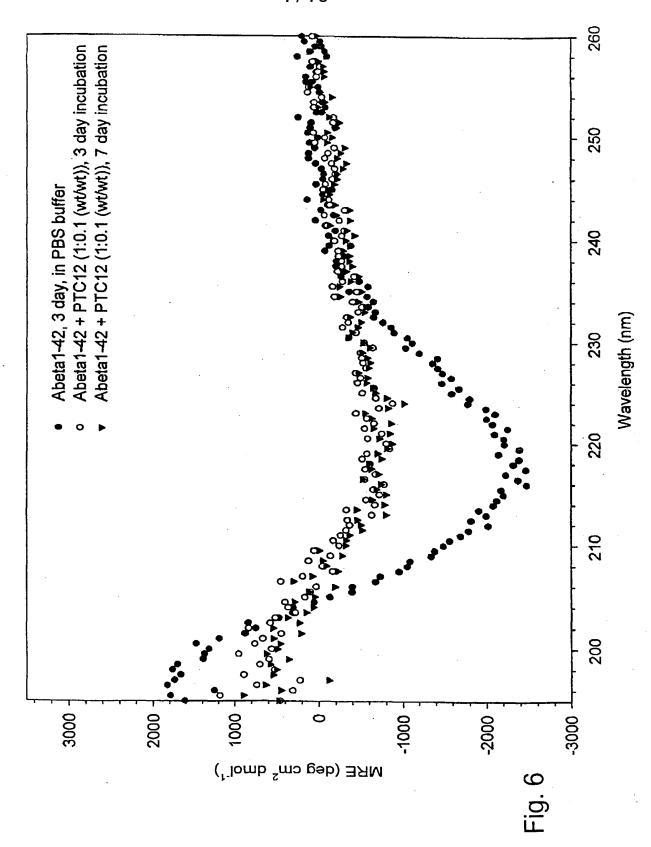
Fig. 5B



Fig. 5C



Fig. 5D



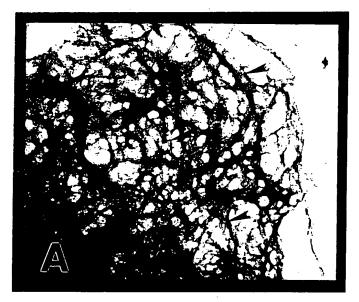


Fig. 7A

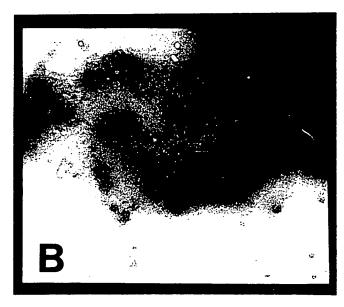
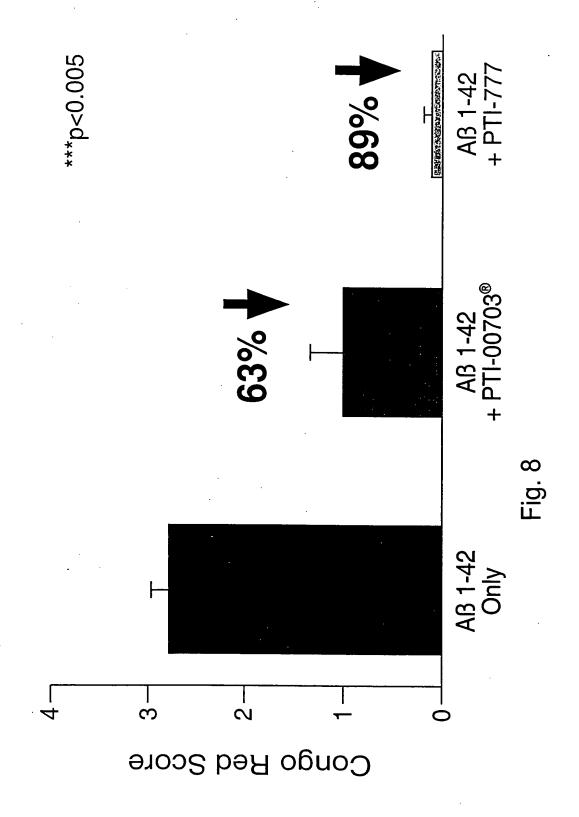


Fig. 7B



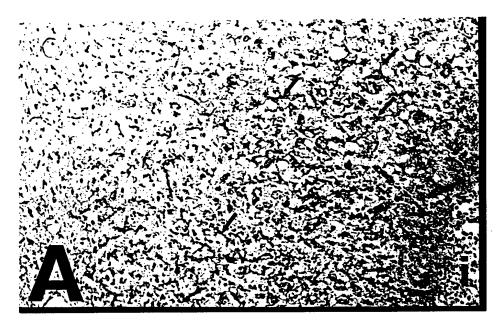


Fig. 9A

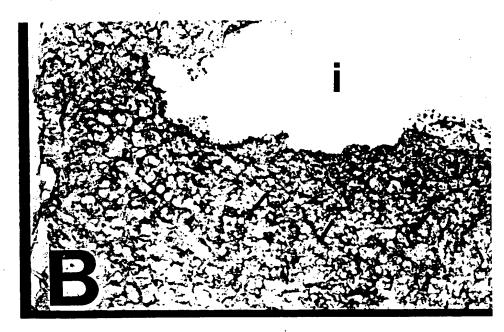


Fig. 9B

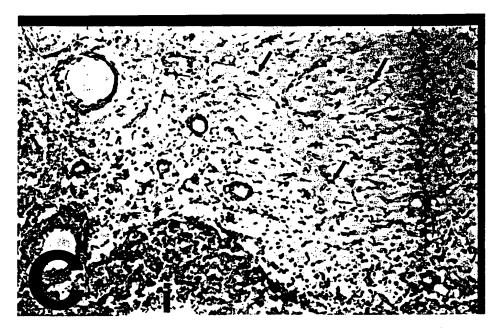
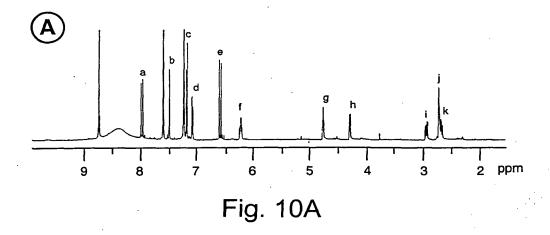


Fig. 9C



Fig. 9D



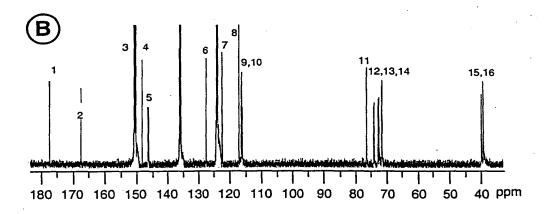
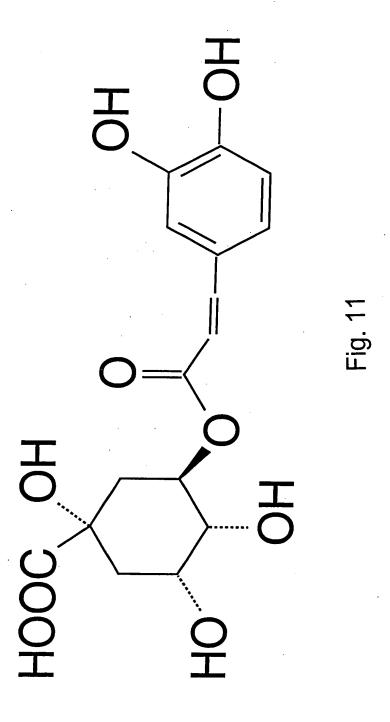
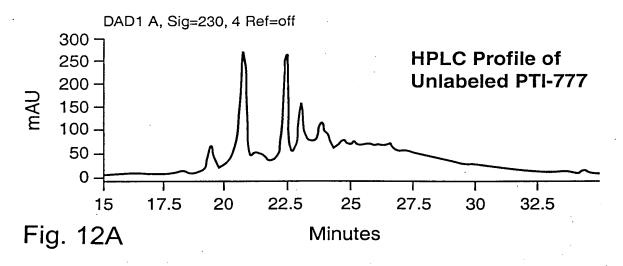
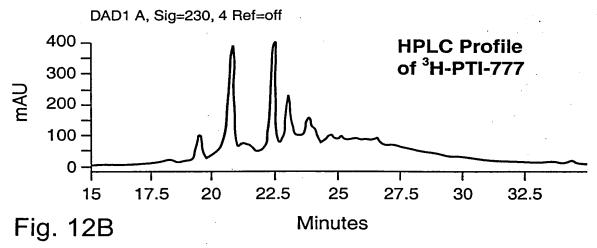


Fig.10B







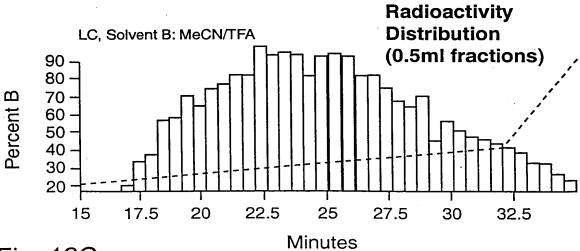
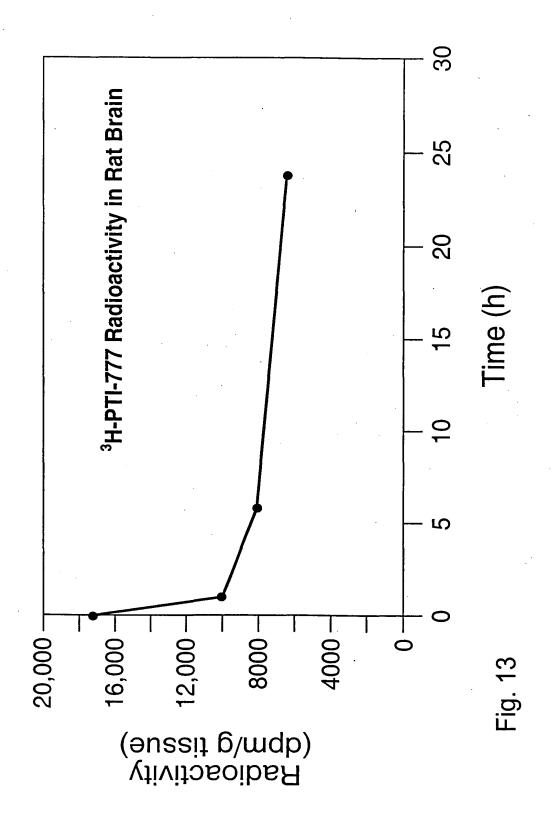


Fig. 12C



## Jaguar Summed Mass Spectrum Report

File Name: Method Name:

Sample ID:

Instrument:

G:\\_\_41.dat

**JAGUAR** 

Time Run:

11/13/00 11:01:40 AM Report Created: 11/13/00 11:03:26 AM

Operator:

Ionization Mode: ESI - positive ions

Spec # Range: 2706 - 2778

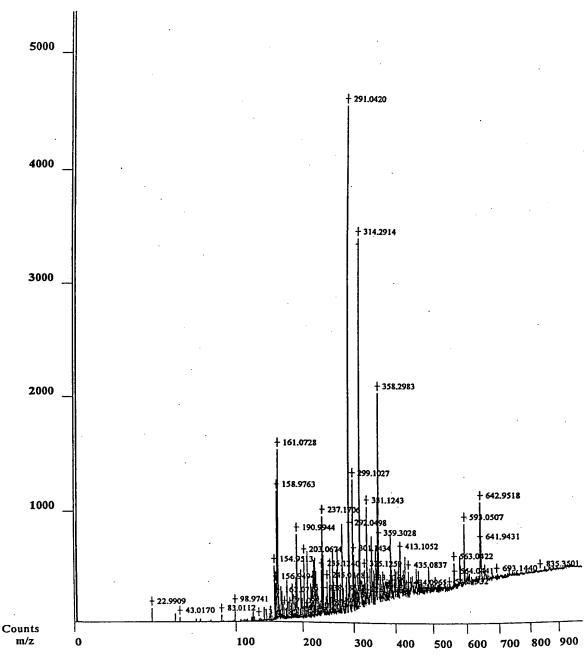
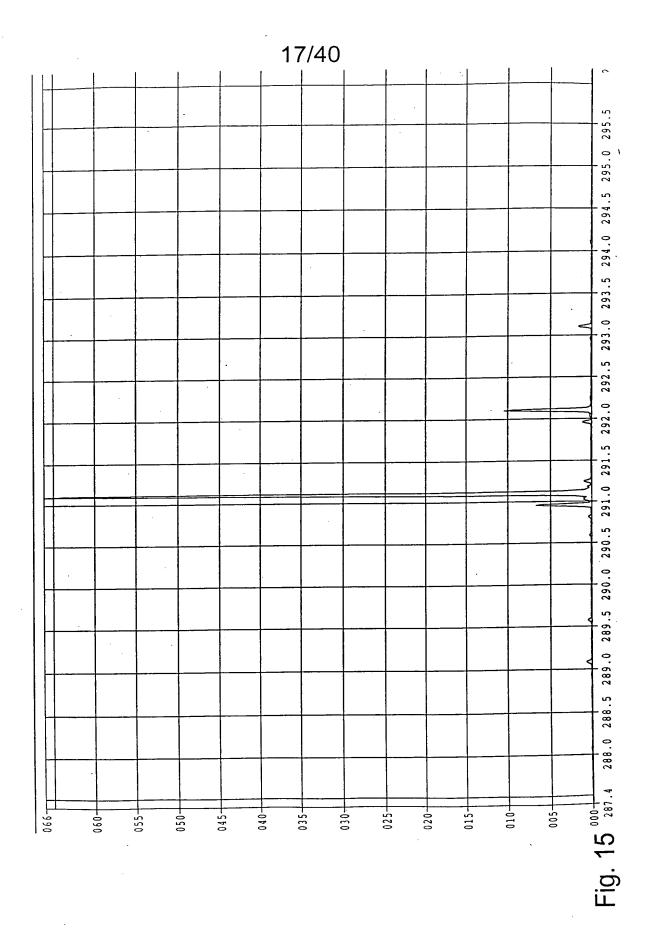


Fig. 14



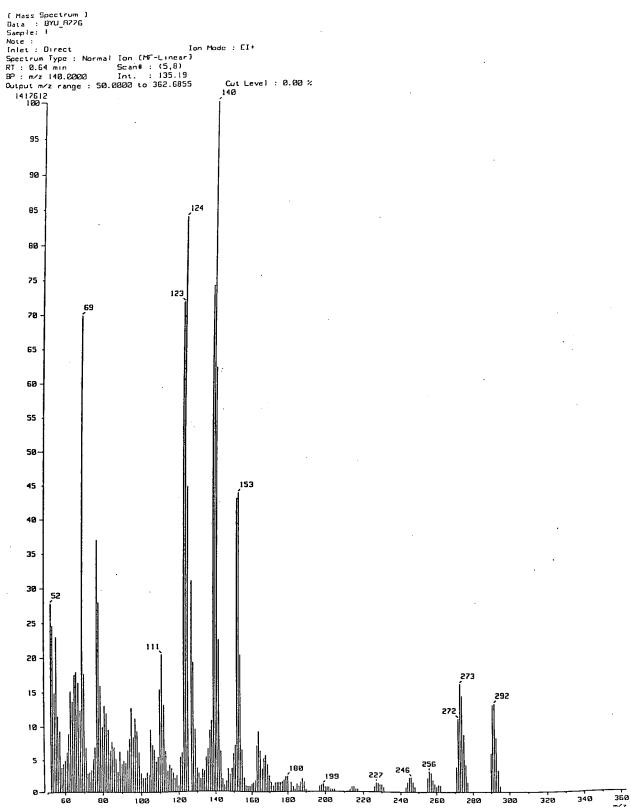


Fig. 16

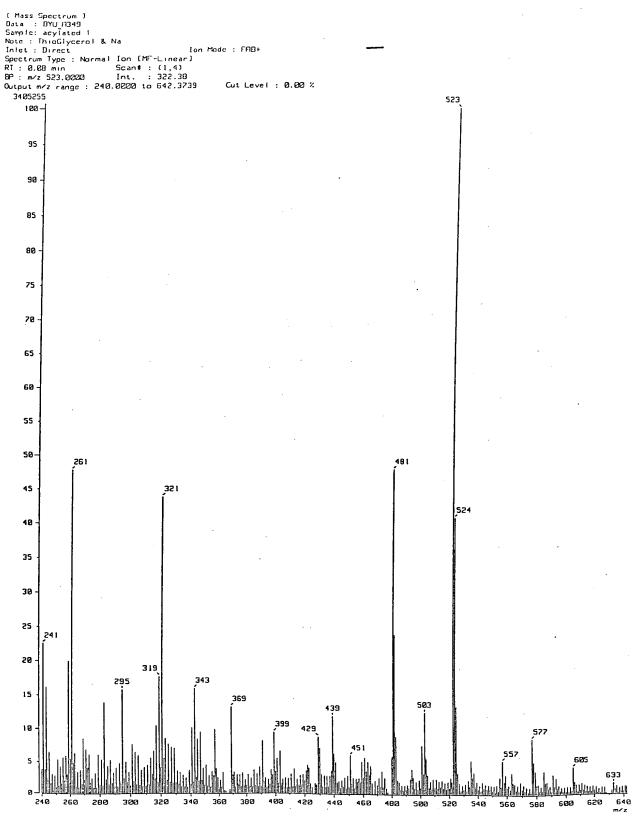


Fig. 17

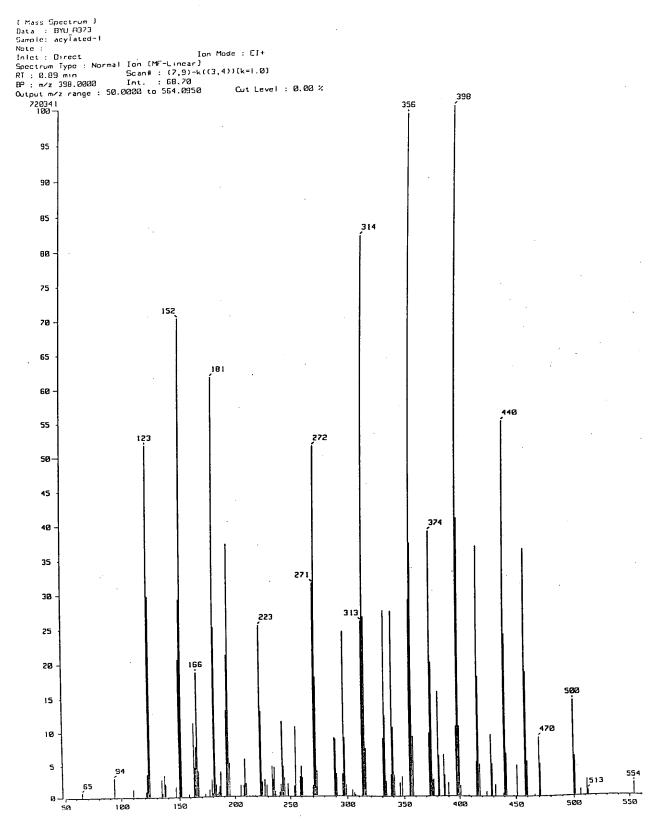
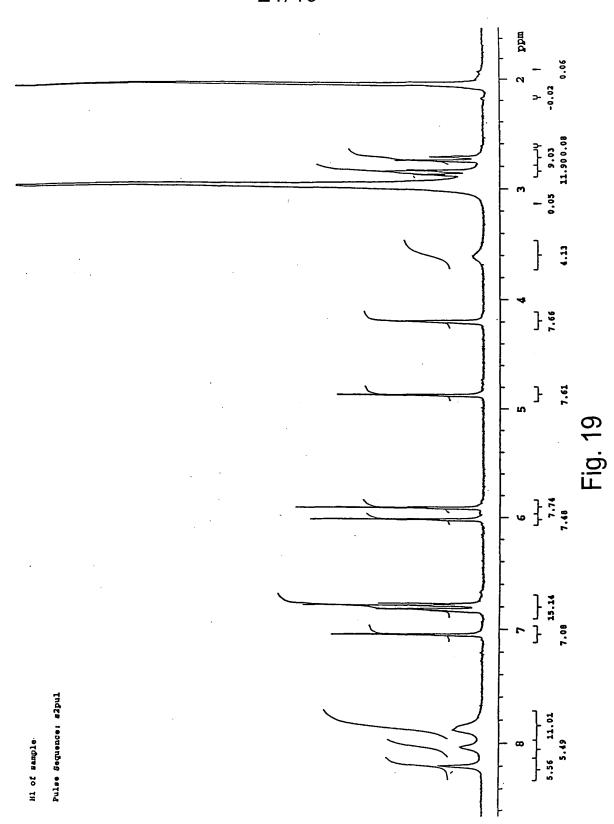
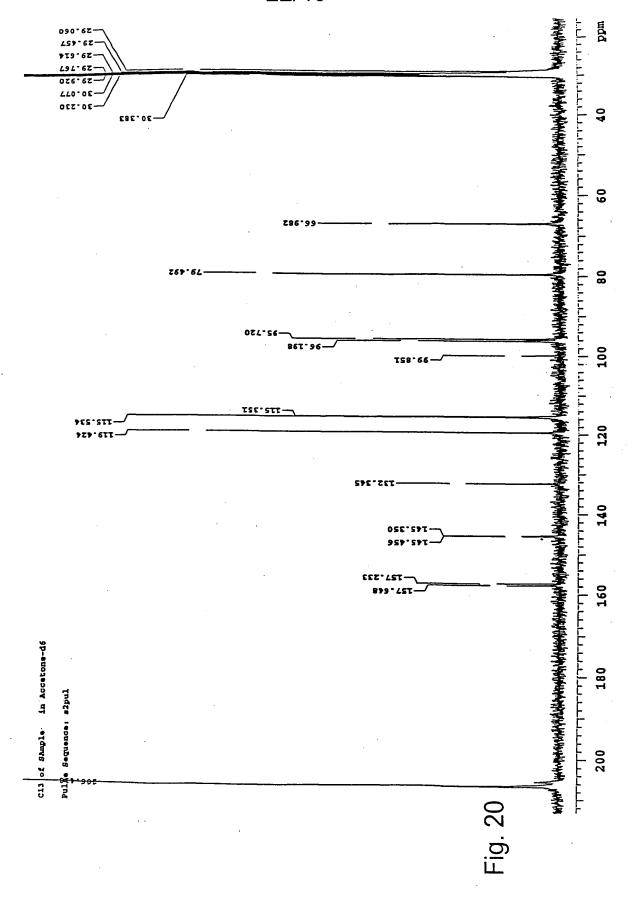
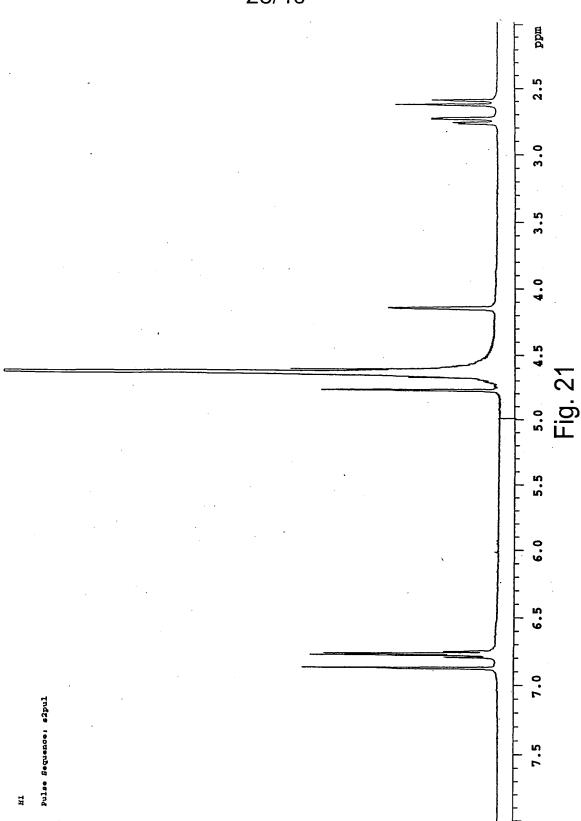
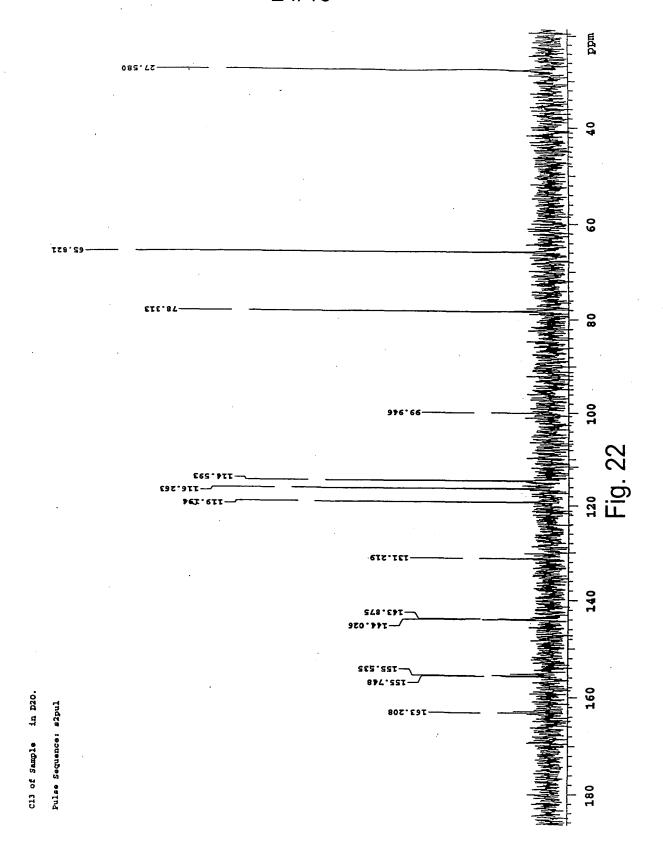


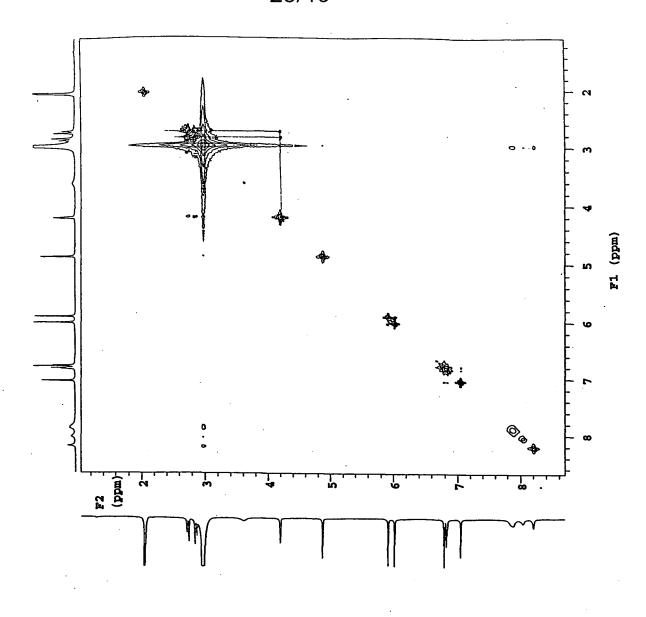
Fig. 18











16 repetitions
159 increments
OBSENVE H1, 499.8814428 MHz

DATA PROCESSING

PULSE SEQUENCE: releyh COSY 90-90 Acq. time 0.302 sed

Midth 3817.5 Hz 2D Width 3817.5 Hz

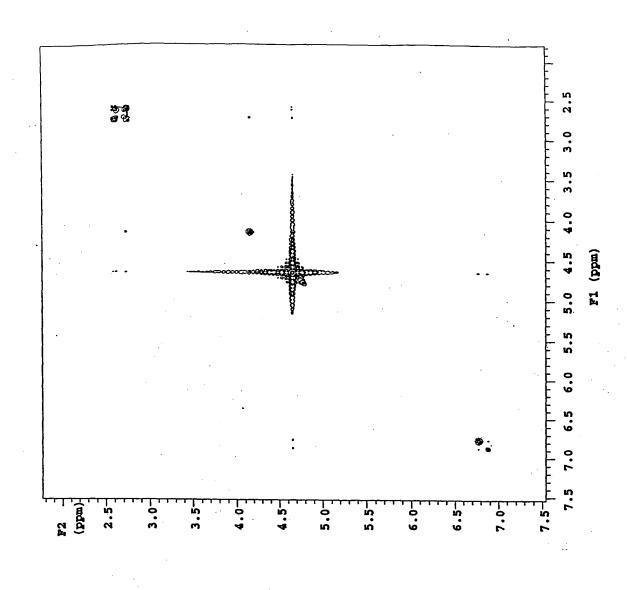
Pulse Sequence: relayh

COSY of Sample

Solvent: Adetone
Ambient temperature
UNITY-500 "nmx500"

FI DATA PROCESSING Line broadening 0.3 Hz FT size 1024 x 1024 Total time 14 min, 12 sec

Fig. 23



8 repetitions 120 increments OBSERVE H1, 499.8801324 MHM DATA PROCESSING

Line broadening 0.1 Hz F1 DATA PROCESSING Line broadening 0.3 Hz FT size 1024 x 1024

Nelax. delay 0.500 sed COSY 90-90 Acq. time 0.178 sed

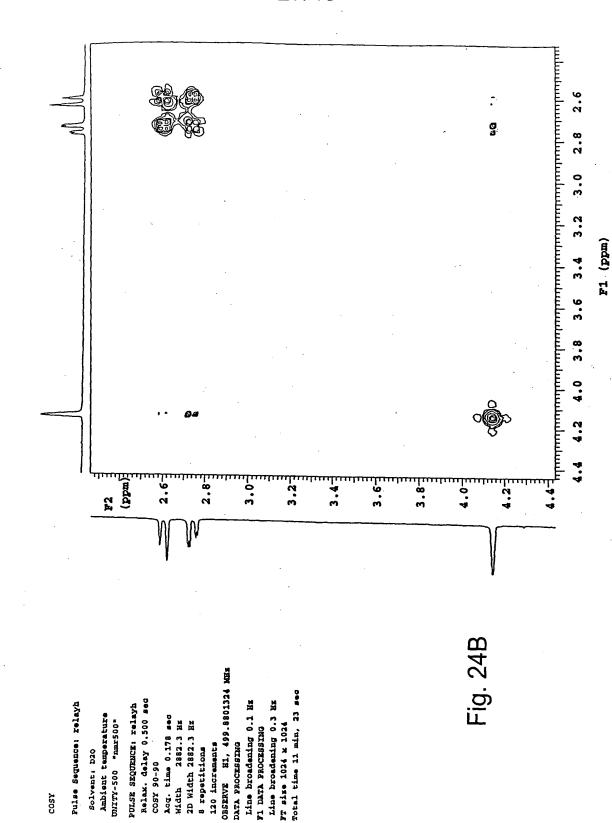
Width 2882.3 Hz 2D Width 2882.3 Hz

PULSE SEQUENCE: relayh

Pulse Sequence: relayh

Solvent: D20 Ambient temperature UNITX-500 "nmr500" Total time 11 min, 23 med

Fig. 24/



COSY

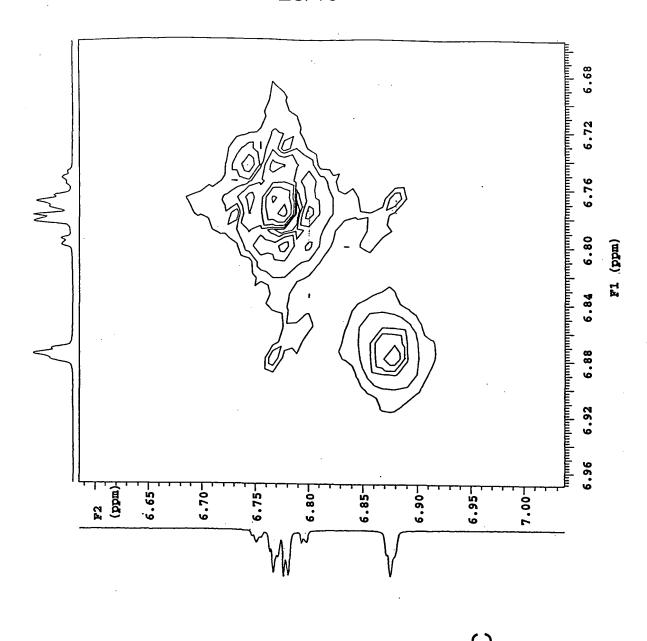


Fig. 24(

COSY

Pulse Sequence: relayh

Solvent: D20 Ambient temperature UNTY-500 "nmx500" Width 2882.3 Hz
2D Width 2882.3 Hz
8 repetitions
120 increments
ObsERVE H1, 499.8801324 MHz

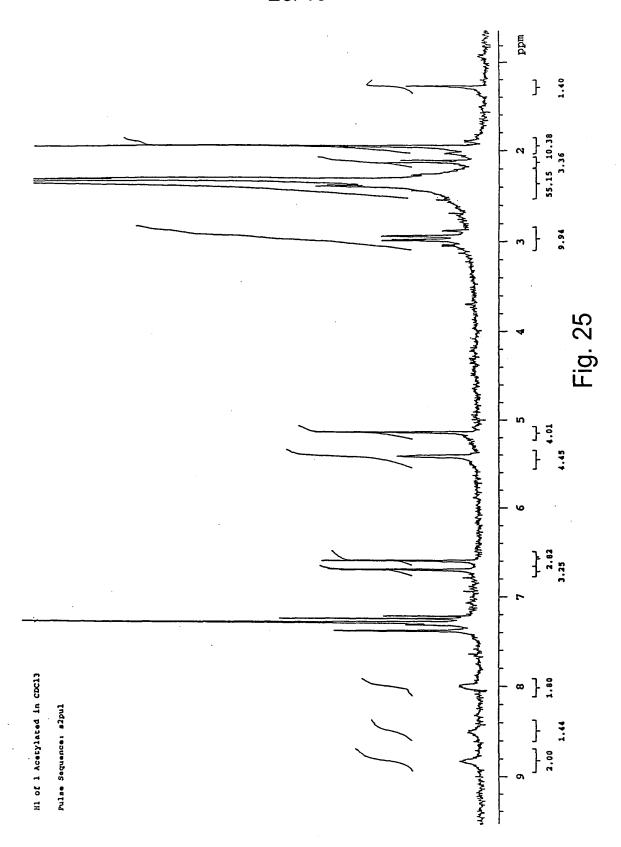
PULSE SEQUENCE: relayh Relax. delay 0.500 sed COSY 90-90

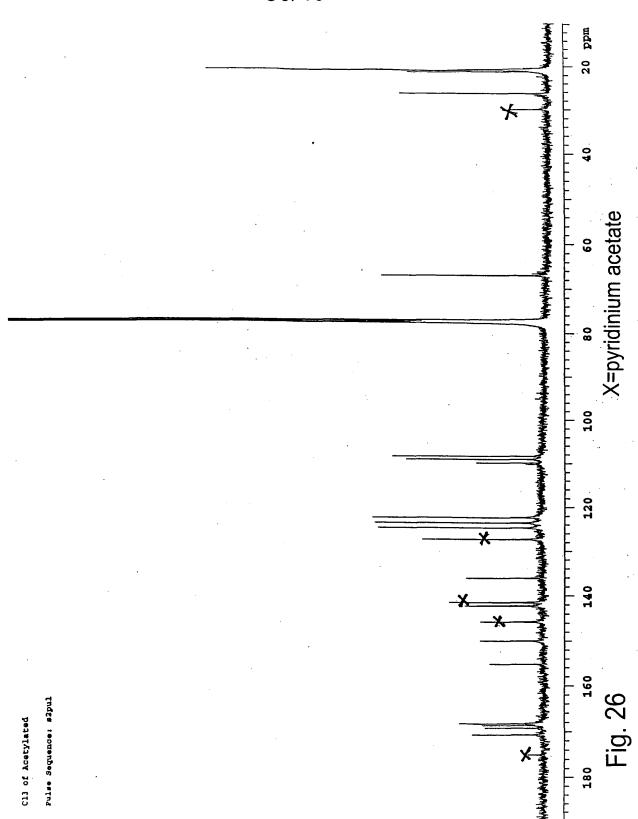
Acq. time 0.178 sec

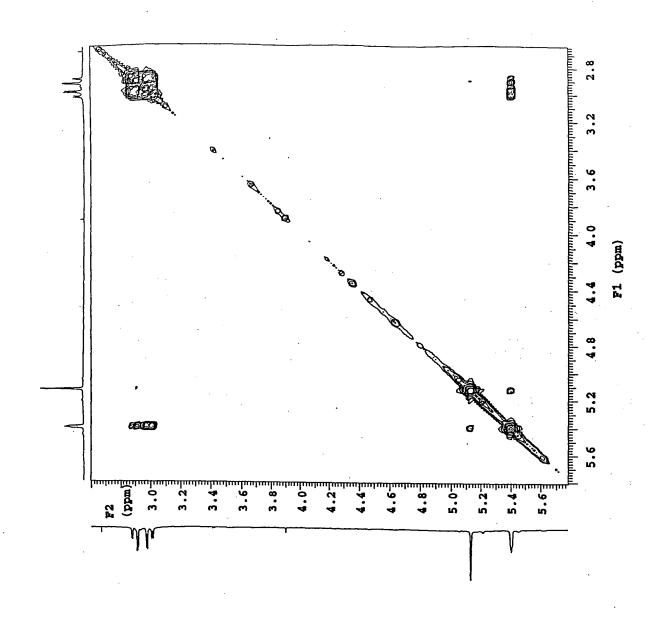
Total time 11 min, 23 sed

Line broadening 0.1 Ex F1 DATA PROCESSING Line broadening 0.3 Ex FT sixe 1024 x 1024

DATA PROCESSING







Sine bell 0.032 sec FT sixe 2048 x 2048 Total time 1 hr, 31 min, 32 sec

OBSERVE H1, 499.9135718 MHz

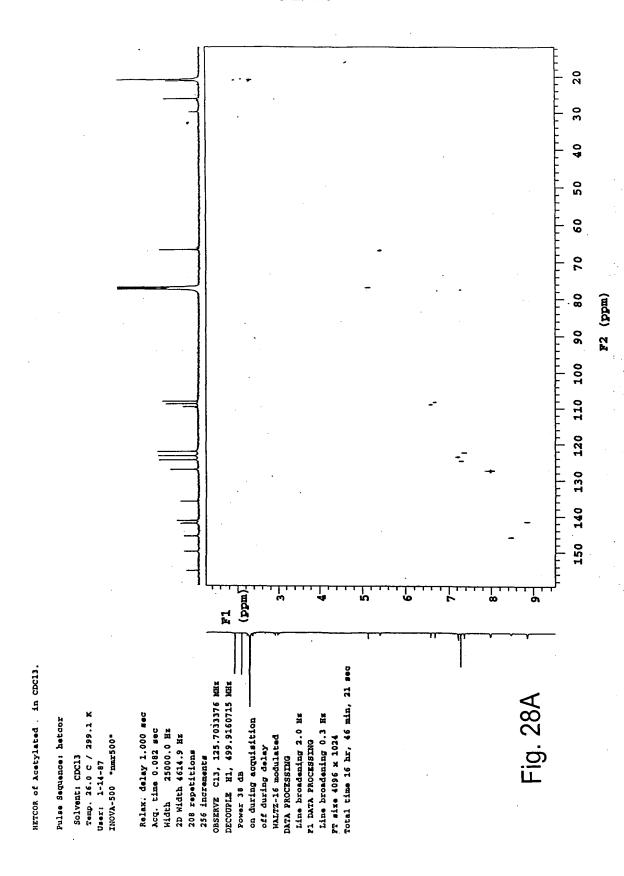
512 increments DATA PROCESSING

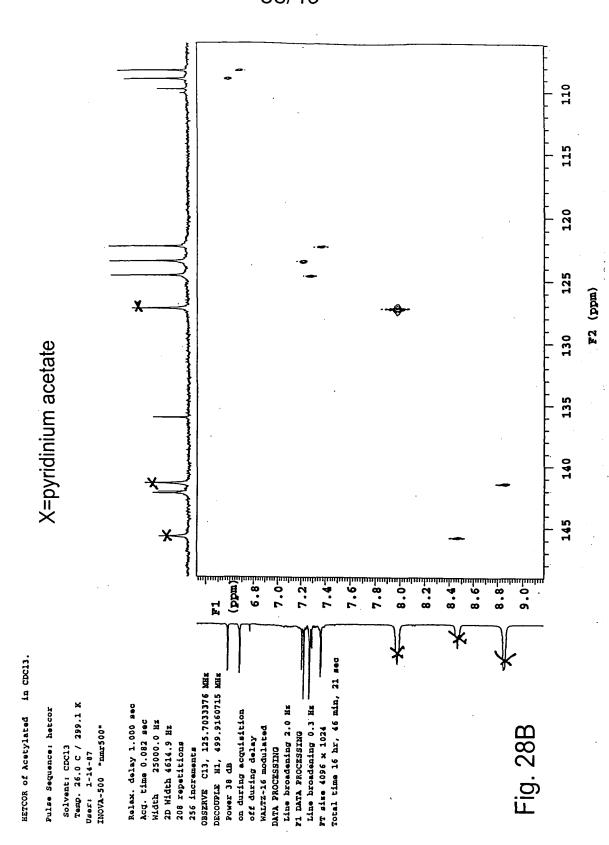
Sine bell 0.064 sed FI DATA PROCESSING

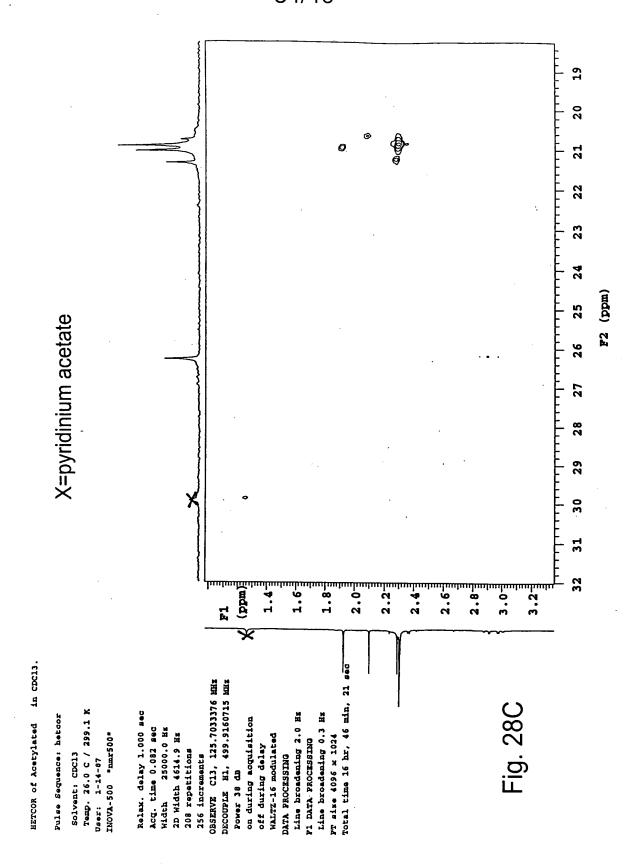
Relax. delay 0.500 sec COSY 90-90 Acg. time 0.128 sed Width 8000.0 Hz 2D Width 8000.0 Hz 16 repetitions

Solvent: CDC13 Temp. 26.0 C / 299.1 K INOVA-500 "nmr500"

Pulse Sequence: relayh







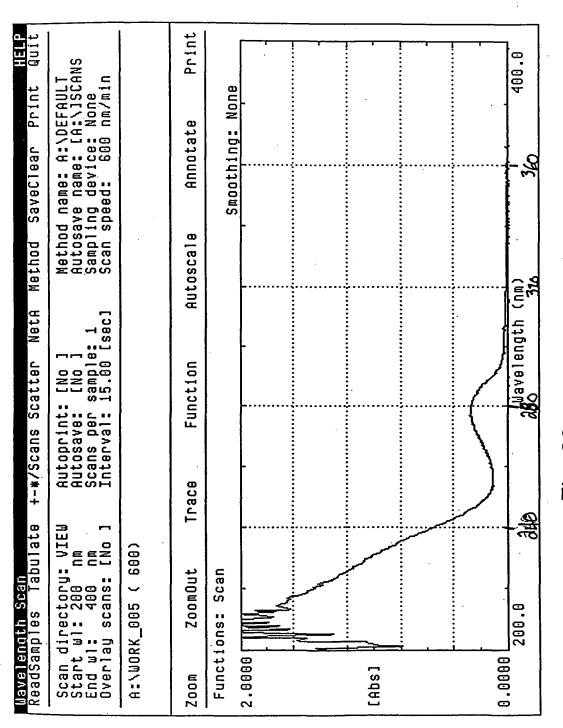


Fig. 29

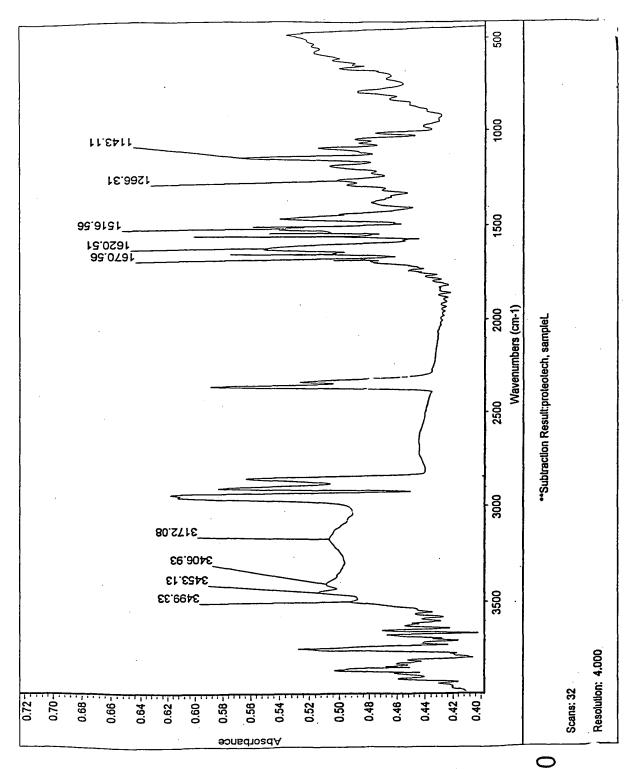
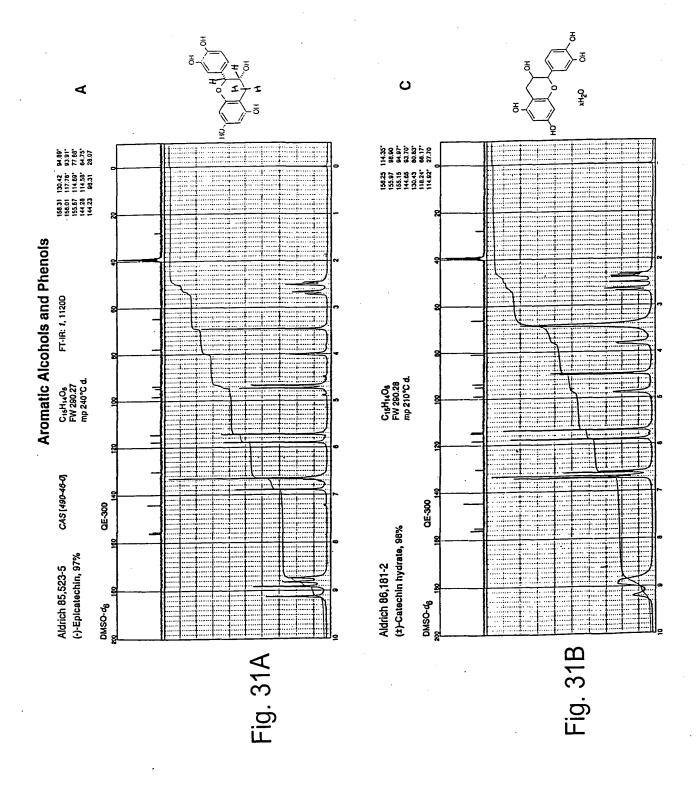
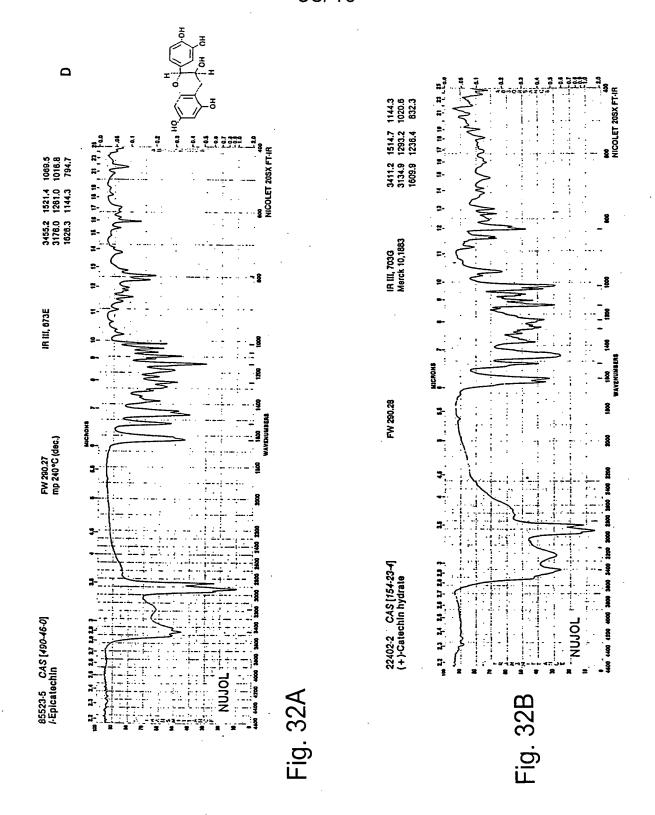


Fig. 3





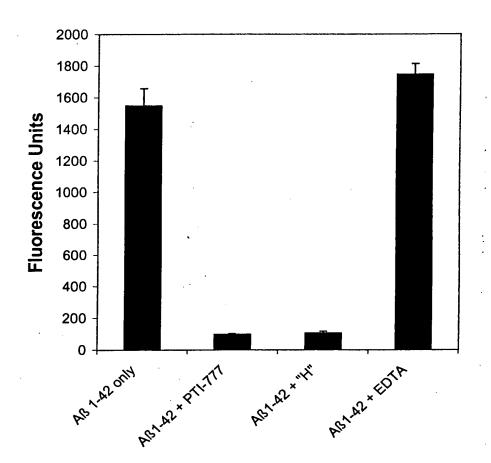


Fig. 33

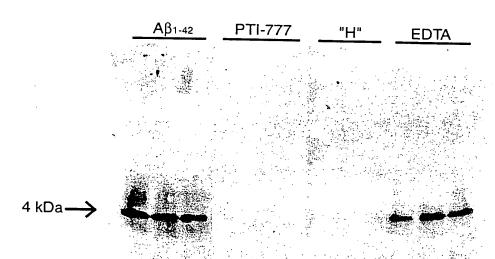


Fig. 34